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In the Claims:

1. (Currently amended) Insulation arrangement for a pipe, especially for a pipe of a pneumatic system in a passenger transport aircraft, comprising an insulation material layer (6) and a pre-fabricated shell (9) that includes an outer sheath consisting of titanium foil (31), and first and second termination profiles, profile elements, wherein the outer sheath (3) has at least one longitudinal seam (13) and a first end section (32) and a second end section (33), and the outer sheath is connected at the first and second end sections respectively with the first and second termination profiles, profile elements, and wherein the shell (19) has at least one longitudinal seam (13), and is adapted to and does receive therein [[an]] the insulation material layer (6) and is adapted to be mounted on the pipe with the longitudinal seam of the outer sheath shell open, and with the insulation material layer (6) received in the [[shell.]] shell, and further comprising closure parts (14, 14') that are provided on the shell at the at least one longitudinal seam (13) and that are adapted to close the at least one longitudinal seam (13) after the shell is mounted on the pipe, and wherein the titanium foil (31) forming the outer sheath (3) has a profiled or patterned surface configuration.

1 2. (Currently amended) Insulation arrangement according to  
2 claim 1, characterized in that each said termination  
3 profile element (7) is embodied as a Z-profile element,  
4 including an upper web (71) connected with the titanium  
5 foil (31), and a middle web (72) as well as a lower web  
6 (73) that form a receiver receiving the insulation material  
7 layer (6).

Claims 3 to 10 (Canceled).

1 11. (Currently amended) Insulation arrangement according to  
2 claim 1, characterized in that the shell (9) is embodied as  
3 a full shell including only a single one of the  
4 longitudinal seam, [[which]] and the shell is opened at the  
5 longitudinal seam (13) and slipped over the pipe (2), and  
6 is closed by means of the closure parts which comprise  
7 joint webs (14, 14') provided on the longitudinal  
8 seam (13).

1 12. (Currently amended) Insulation arrangement according to  
2 claim 11, characterized in that a connection on the  
3 longitudinal seam (13) between the joint webs (14, 14')  
4 is produced are joined together by adhesive bonding or  
5 welding to close the longitudinal seam.

1 13. (Currently amended) Insulation arrangement according to  
2 claim 1, characterized in that the shell (9) is embodied as

3       comprises two half shells, which comprise joined along two  
4       of said longitudinal seams, and the two half shells are  
5       positioned on the pipe (2), and the insulation is are  
6       closed by means of the closures parts which comprise joint  
7       webs (14, 14') provided on the longitudinal seams.

1       14. (Currently amended) Insulation arrangement according to  
2       claim 13, characterized in that a connection on the  
3       longitudinal seam (13) between the joint webs (14, 14')  
4       is produced are joined together by adhesive bonding or  
5       welding to close the two longitudinal seams.

1       15. (Currently amended) Insulation arrangement according to  
2       claim 1, characterized in that the closure parts comprise  
3       a securing web (15) that is provided along the longitudinal  
4       seam and that is configured to produce a form-locking  
5       secured connection is provided on the longitudinal seam.  
6       connection.

Claim 16 (Canceled).

1       17. (Previously presented) Insulation arrangement for a pipe,  
2       especially for a pipe of a pneumatic system in a passenger  
3       transport aircraft, which essentially comprises at least  
4       one insulation layer (6), an outer sheath consisting of  
5       titanium foil (31), and first and second termination  
6       profiles, wherein the outer sheath (3) has at least one

7 longitudinal seam (13) and a first end section (32) and a  
8 second end section (33), and said outer sheath is connected  
9 at said first and second end sections respectively with  
10 said first and second termination profiles, whereby said  
11 outer sheath and said termination profiles connected  
12 thereto form a shell (9) into which the insulation layer  
13 (6) is insertable, wherein the outer sheath (3) comprises  
14 outlet holes (5), warning wires (11) are arranged above the  
15 outlet holes (5), and an anti-rotation securement (8) is  
16 provided, which prevents a position change between the pipe  
17 (2) and the shell (9).

1 18. (Previously presented) Insulation arrangement according to  
2 claim 17, characterized in that the anti-rotation  
3 securement (8) is a partial adhesive connection, as a  
4 fillet joint seam (81) of a temperature resistant adhesive  
5 or a paste between the termination profile (7) and the  
6 pipe (2).

1 19. (Currently amended) Insulation arrangement according to  
2 claim 1, ~~characterized in that further comprising~~  
3 stiffening elements (12) that are at least partially  
4 applied onto the inner side of the titanium foil (31).

1 20. (Currently amended) [[An]] A pre-fabricated insulation  
2 arrangement for thermally insulating a pipe, said  
3 insulation arrangement comprising:

4 a shell that comprises:

5 a cylindrical outer sheath comprising a titanium  
6 foil, and having a ~~longitudinal seam~~ extending  
7 ~~therealong in a longitudinal direction, and~~  
8 a first end section and a second end section at  
9 opposite first and second ends of said outer  
10 sheath in ~~[[said]]~~ a longitudinal direction;  
11 a metal first termination profile element positioned  
12 within and connected to said first end section of  
13 said outer sheath and extending radially inwardly  
14 from said outer sheath; and

15 a metal second termination profile element positioned  
16 within and connected to said second end section  
17 of said outer sheath and extending radially  
18 inwardly from said outer sheath;

19 wherein said first and second termination profiles  
20 profile elements are spaced apart from one  
21 another in said longitudinal direction; and

22 wherein said shell has a longitudinal seam extending  
23 therealong in said longitudinal direction, and  
24 further comprises closure parts that are provided  
25 at said longitudinal seam and that are adapted to  
26 be secured together so as to close said  
27 longitudinal seam;

28 and

29 at least one layer of thermal insulation material inserted  
30 into said shell through said longitudinal seam of said  
31 outer sheath shell to form a cylindrical annular

32        insulation material jacket adapted to surround the  
33        pipe, wherein said cylindrical annular insulation  
34        material jacket is received and held by said  
35        termination profiles profile elements in a cylindrical  
36        annular shell space bounded longitudinally between  
37        said termination profiles profile elements and bounded  
38        radially inside said outer sheath;  
39        wherein   said   pre-fabricated   insulation   arrangement  
40        including   said   cylindrical   annular   insulation   material